

What is claimed is:

1. A chromatographic separation process comprising passing a biomass product through a separation column having at least one chemically active capture element having flow channels of 50 $\mu$  or greater, whereby at least a portion of a desired component of said fermentation product is captured by said capture element.
2. The chromatographic separation process as defined in Claim 1 wherein said biomass product comprises a fermentation broth which includes components which are the products of recombinant DNA processes.
3. The chromatographic separation process as defined in Claim 1 wherein said separation column includes a plurality of said capture elements, whereby each said capture element captures a portion of the same component of said mixture.
4. The chromatographic separation process as defined in Claim 1 wherein said capture element has flow channels of about 75 $\mu$  or greater.
5. The chromatographic separation process as defined in Claim 1 wherein said capture element has flow channels of about 100 $\mu$  or greater.
6. The chromatographic separation process as defined in Claim 1 wherein said capture element is sintered steel.